RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/722,555

Source: IFWO

Date Processed by STIC: 11-29-04

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/722,555   :   CRF Edit Date: 11/29/04
                                                          Edited by: _____

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

_____

___ Moved responses to same line as heading/numeric identifier, specifically:

_____

✓ Other: deleted duplicate <110> numeric identifiers. Also inserted indentation for seq ID #139

IFWO

RAW SEQUENCE LISTING   DATE: 11/29/2004
PATENT APPLICATION: US/10/722,555 TIME: 13:01:07

          Input Set : A:\pto.kd.txt
          Output Set: N:\CRF4\11292004\J722555.raw

 3 <110> APPLICANT: ROMOND, Pierre-Charles
 4   RENAUD, Michel
 5   ALRIC, Monique
 6   MEINIEL, Olivier
 7   BALLUT, Lionel
 9 <120> TITLE OF INVENTION: METHOD FOR DETECTING MICRO-ORGANISMS
11 <130> FILE REFERENCE: 344 292 - US
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/722,555
C--> 13 <141> CURRENT FILING DATE: 2003-11-28
13 <150> PRIOR APPLICATION NUMBER: PCT/FR 01/02 371
14 <151> PRIOR FILING DATE: 2001-07-20
16 <150> PRIOR APPLICATION NUMBER: FR 00/09 600
17 <151> PRIOR FILING DATE: 2000-07-21
19 <150> PRIOR APPLICATION NUMBER: FR 00/12 524
20 <151> PRIOR FILING DATE: 2000-10-02
22 <160> NUMBER OF SEQ ID NOS: 189
24 <170> SOFTWARE: PatentIn Ver. 2.1
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27 <211> LENGTH: 26
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of artificial sequence: Primer
33   for detecting the amplification of the intergenic
34   region of the rpoBC operon of micro-organisms
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (3)
39 <223> OTHER INFORMATION: n = a, g, c or t
41 <220> FEATURE:
42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (12)
44 <223> OTHER INFORMATION: n = a, g, c or t
46 <220> FEATURE:
47 <221> NAME/KEY: misc_feature
48 <222> LOCATION: (15)
49 <223> OTHER INFORMATION: n = a, g, c or t
51 <220> FEATURE:
52 <221> NAME/KEY: misc_feature
53 <222> LOCATION: (18)
54 <223> OTHER INFORMATION: n = a, g, c or t
56 <220> FEATURE:
57 <221> NAME/KEY: misc_feature

(P).6-7)

RAW SEQUENCE LISTING   DATE: 11/29/2004
PATENT APPLICATION: US/10/722,555   TIME: 13:01:07

            Input Set : A:\pto.kd.txt
            Output Set: N:\CRF4\11292004\J722555.raw


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     59 <223> OTHER INFORMATION: n = a, g, c or t
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     67 <212> TYPE: DNA
     68 <213> ORGANISM: Artificial sequence
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     72       for detecting the amplification of the intergenic
     73       region of the rpoBC operon of micro-organisms
     75 <220> FEATURE:
     76 <221> NAME/KEY: misc_feature
     77 <222> LOCATION: (3)
     78 <223> OTHER INFORMATION: n = a, g, c or t
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     82 <222> LOCATION: (12)
     83 <223> OTHER INFORMATION: n = a, g, c or t
     85 <220> FEATURE:
     86 <221> NAME/KEY: misc_feature
     87 <222> LOCATION: (15)
     88 <223> OTHER INFORMATION: n = a, g, c or t
     90 <220> FEATURE:
     91 <221> NAME/KEY: misc_feature
     92 <222> LOCATION: (18)
     93 <223> OTHER INFORMATION: n = a, g, c or t
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     97 <222> LOCATION: (21)
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    106 <212> TYPE: DNA
    107 <213> ORGANISM: Artificial sequence
    109 <220> FEATURE:
    110 <223> OTHER INFORMATION: Description of artificial sequence: Primer
    111       for detecting the amplification of the intergenic
    112       region of the rpoBC operon of micro-organisms
    114 <220> FEATURE:
    115 <221> NAME/KEY: misc_feature
    116 <222> LOCATION: (3)
    117 <223> OTHER INFORMATION: n = a, g, c or t
    119 <220> FEATURE:
    120 <221> NAME/KEY: misc_feature
    121 <222> LOCATION: (12)
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RAW SEQUENCE LISTING   DATE: 11/29/2004
PATENT APPLICATION: US/10/722,555   TIME: 13:01:07

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11292004\J722555.raw**

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125 <221> NAME/KEY: misc_feature
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127 <223> OTHER INFORMATION: n = a, g, c or t
129 <220> FEATURE:
130 <221> NAME/KEY: misc_feature
131 <222> LOCATION: (21)
132 <223> OTHER INFORMATION: n = a, g, c or t
135 <400> SEQUENCE: 3
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W--> 136 ggngayaary tngcnaayag ncaygg   26
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142 <213> ORGANISM: Artificial sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of artificial sequence: Primer
146        for detecting the amplification of the intergenic
147        region of the rpoBC operon of micro-organisms
149 <220> FEATURE:
150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: (3)
152 <223> OTHER INFORMATION: n = a, g, c or t
154 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
156 <222> LOCATION: (12)
157 <223> OTHER INFORMATION: n = a, g, c or t
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (15)
162 <223> OTHER INFORMATION: n = a, g, c or t
164 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
166 <222> LOCATION: (21)
167 <223> OTHER INFORMATION: n = a, g, c or t
169 <400> SEQUENCE: 4
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial sequence
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179 <223> OTHER INFORMATION: Description of artificial sequence: Primer
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181        region of the rpoBC operon of micro-organisms
183 <220> FEATURE:
184 <221> NAME/KEY: misc_feature
185 <222> LOCATION: (3)
186 <223> OTHER INFORMATION: n = a, g, c or t
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188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (15)
191 <223> OTHER INFORMATION: n = a, g, c or t
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (18)
196 <223> OTHER INFORMATION: n = a, g, c or t
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (21)
201 <223> OTHER INFORMATION: n = a, g, c or t
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207 <210> SEQ ID NO: 6
208 <211> LENGTH: 26
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of artificial sequence: Primer
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215        region of the rpoBC operon of micro-organisms
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (3)
220 <223> OTHER INFORMATION: n = a, g, c or t
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <222> LOCATION: (15)
225 <223> OTHER INFORMATION: n = a, g, c or t
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (18)
230 <223> OTHER INFORMATION: n = a, g, c or t
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (21)
235 <223> OTHER INFORMATION: n = a, g, c or t
237 <400> SEQUENCE: 6                                         26
238 ggngayaart tygcntcnmg ncaygg
241 <210> SEQ ID NO: 7
242 <211> LENGTH: 26
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of artificial sequence: Primer
248        for detecting the amplification of the intergenic
249        region of the rpoBC operon of micro-organisms
251 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 11/29/2004
PATENT APPLICATION: US/10/722,555   TIME: 13:01:07

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11292004\J722555.raw

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    253 <222> LOCATION: (3)
    254 <223> OTHER INFORMATION: n = a, g, c or t
    256 <220> FEATURE:
    257 <221> NAME/KEY: misc_feature
    258 <222> LOCATION: (15)
    259 <223> OTHER INFORMATION: n = a, g, c or t
    261 <220> FEATURE:
    262 <221> NAME/KEY: misc_feature
    263 <222> LOCATION: (21)
    264 <223> OTHER INFORMATION: n = a, g, c or t
    266 <400> SEQUENCE: 7
W--> 267 ggngayaart tygcnagymg ncaygg                                    26
    270 <210> SEQ ID NO: 8
    271 <211> LENGTH: 26
    272 <212> TYPE: DNA
    273 <213> ORGANISM: Artificial sequence
    275 <220> FEATURE:
    276 <223> OTHER INFORMATION: Description of artificial sequence: Primer
    277       for detecting the amplification of the intergenic
    278       region of the rpoBC operon of micro-organisms
    280 <220> FEATURE:
    281 <221> NAME/KEY: misc_feature
    282 <222> LOCATION: (3)
    283 <223> OTHER INFORMATION: n = a, g, c or t
    285 <220> FEATURE:
    286 <221> NAME/KEY: misc_feature
    287 <222> LOCATION: (15)
    288 <223> OTHER INFORMATION: n = a, g, c or t
    290 <220> FEATURE:
    291 <221> NAME/KEY: misc_feature
    292 <222> LOCATION: (18)
    293 <223> OTHER INFORMATION: n = a, g, c or t
    295 <220> FEATURE:
    296 <221> NAME/KEY: misc_feature
    297 <222> LOCATION: (21)
    298 <223> OTHER INFORMATION: n = a, g, c or t
    300 <400> SEQUENCE: 8
W--> 301 ggngayaart tygcnacnmg ncaygg                                    26
    304 <210> SEQ ID NO: 9
    305 <211> LENGTH: 26
    306 <212> TYPE: DNA
    307 <213> ORGANISM: Artificial sequence
    309 <220> FEATURE:
    310 <223> OTHER INFORMATION: Description of artificial sequence: Primer
    311       for detecting the amplification of the intergenic
    312       region of the rpoBC operon of micro-organisms
    314 <220> FEATURE:
    315 <221> NAME/KEY: misc_feature
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/29/2004
PATENT APPLICATION: US/10/722,555   TIME: 13:01:08

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11292004\J722555.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:1;  N Pos. 3,12,15,18,21
Seq#:2;  N Pos. 3,12,15,18,21
Seq#:3;  N Pos. 3,12,15,21
Seq#:4;  N Pos. 3,12,15,21
Seq#:5;  N Pos. 3,15,18,21
Seq#:6;  N Pos. 3,15,18,21
Seq#:7;  N Pos. 3,15,21
Seq#:8;  N Pos. 3,15,18,21
Seq#:9;  N Pos. 6,18
Seq#:10; N Pos. 6,18
Seq#:11; N Pos. 6,18
Seq#:12; N Pos. 3,6,12,18
Seq#:13; N Pos. 3,6,12,18
Seq#:14; N Pos. 3,6,12,18
Seq#:15; N Pos. 3,6,7,9,12,18
Seq#:16; N Pos. 3,9,12,21,24
Seq#:17; N Pos. 3,9,12,21,24
Seq#:18; N Pos. 3,9,12,21,24
Seq#:19; N Pos. 3,9,12,21,24
Seq#:20; N Pos. 3,9,12,21,24
Seq#:21; N Pos. 3,9,12,21,24
Seq#:22; N Pos. 3,9,12,21,24
Seq#:23; N Pos. 3,9,12,21,24
Seq#:24; N Pos. 3,9,12,21,24
Seq#:25; N Pos. 3,9,12,21,24
Seq#:26; N Pos. 3,9,12,21,24
Seq#:27; N Pos. 3,9,12,21,24
Seq#:28; N Pos. 3,9,12,21,24
Seq#:29; N Pos. 3,9,12,21,24
Seq#:30; N Pos. 3,9,12,21,24
Seq#:31; N Pos. 3,9,12,21,24
Seq#:32; N Pos. 15
Seq#:33; N Pos. 2,3,6,9
Seq#:34; N Pos. 3,9,12,15,18,21,24,25
Seq#:35; N Pos. 3,9,12,15,18,21,24,25
Seq#:36; N Pos. 3,12,18,24
Seq#:37; N Pos. 3,21
Seq#:38; N Pos. 18,21
Seq#:39; N Pos. 3,9,12,15,18,21,24,25
Seq#:40; N Pos. 9,24
Seq#:41; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:42; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:43; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:44; N Pos. 1,3,6,9,12,15,18,21,24
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/29/2004
PATENT APPLICATION: **US/10/722,555**   TIME: 13:01:08

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11292004\J722555.raw**

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Seq#:45; N Pos. 1,3,9,10,12,15,18,21,24
Seq#:46; N Pos. 1,3,9,10,12,15,18,21,24
Seq#:47; N Pos. 9,14
Seq#:48; N Pos. 15,21,24
Seq#:49; N Pos. 3,5,10,12,15,21,24
Seq#:50; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:51; N Pos. 1,3,6,9,12,15,18,21,24
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/722,555**

DATE: 11/29/2004
TIME: 13:01:08

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11292004\J722555.raw**

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
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L:1437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
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IFWO

RAW SEQUENCE LISTING   DATE: 11/22/2004
PATENT APPLICATION: US/10/722,555   TIME: 12:30:35

deleted

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\11222004\J722555.raw

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W-->    5 <110> APPLICANT: RENAUD, Michel
W-->    7 <110> APPLICANT: ALRIC, Monique
W-->    9 <110> APPLICANT: MEINIEL, Olivier
W-->   11 <110> APPLICANT: BALLUT, Lionel
       13 <120> TITLE OF INVENTION: METHOD FOR DETECTING MICRO-ORGANISMS
       15 <130> FILE REFERENCE: 344 292 - US
C-->   17 <140> CURRENT APPLICATION NUMBER: US/10/722,555
C-->   17 <141> CURRENT FILING DATE: 2003-11-28
       17 <150> PRIOR APPLICATION NUMBER: PCT/FR 01/02 371
       18 <151> PRIOR FILING DATE: 2001-07-20
       20 <150> PRIOR APPLICATION NUMBER: FR 00/09 600
       21 <151> PRIOR FILING DATE: 2000-07-21
       23 <150> PRIOR APPLICATION NUMBER: FR 00/12 524
       24 <151> PRIOR FILING DATE: 2000-10-02
       26 <160> NUMBER OF SEQ ID NOS: 189
       28 <170> SOFTWARE: PatentIn Ver. 2.1
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Does Not Comply
Corrected Diskette Needed
(pg. 1-2)

ERRORED SEQUENCES

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     3294 <210> SEQ ID NO: 139
     3295 <211> LENGTH: 26
     3296 <212> TYPE: DNA
     3297 <213> ORGANISM: Artificial sequence
     3299 <220> FEATURE:
     3300 <223> OTHER INFORMATION: Primer
     3302 <220> FEATURE:
     3303 <221> NAME/KEY: misc_feature
     3304 <222> LOCATION: (6)..(7)
     3305 <223> OTHER INFORMATION: n = a, g, c or t/u
     3307 <220> FEATURE:
     3308 <221> NAME/KEY: misc_feature
     3309 <222> LOCATION: (9)
     3310 <223> OTHER INFORMATION: n = a, g, c or t/u
     3312 <220> FEATURE:
     3313 <221> NAME/KEY: misc_feature
     3314 <222> LOCATION: (12)
     3315 <223> OTHER INFORMATION: n = a, g, c or t/u
     3317 <220> FEATURE:
     3318 <221> NAME/KEY: misc_feature
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     3320 <223> OTHER INFORMATION: n = a, g, c or t/u
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3322 <220> FEATURE:
3323 <221> NAME/KEY: misc_feature
3324 <222> LOCATION: (21)
3325 <223> OTHER INFORMATION: n = a, g, c or t/u
3327 <220> FEATURE:
3328 <221> NAME/KEY: misc_feature
3329 <222> LOCATION: (24)
3330 <223> OTHER INFORMATION: n = a, g, c or t/u <400> 139
3331        marccnntng gngaymgngt natngt 26
3334 <400> SEQUENCE:
3334
3334 <210> SEQ ID NO: 140
3866 <210> SEQ ID NO: 189
3867 <211> LENGTH: 120
3868 <212> TYPE: DNA
3869 <213> ORGANISM: Aquifex aeolicus
3871 <400> SEQUENCE: 189
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3873 gaagattatt caagcttaat aggaggtgag gtgagatggc agcaaaggca attatctaca       120
3880 3
3882 1
```

(handwritten annotations: "moved to next line" with circle around "<400> 139"; "Inserted Indentation"; "OK"; "E-->" markers at lines 3334; "E-->" markers at 3880 and 3882 with "deleted")

VERIFICATION SUMMARY   DATE: 11/22/2004
PATENT APPLICATION: **US/10/722,555**   TIME: 12:30:36

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\11222004\J722555.raw**

```
L:5 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:7 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:9 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:11 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
```

VERIFICATION SUMMARY   DATE: 11/22/2004
PATENT APPLICATION: **US/10/722,555**   TIME: 12:30:36

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\11222004\J722555.raw**

```
L:1615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:3334 M:200 E: Mandatory Header Field missing, <400> is required.
L:3334 M:301 E: (44) No Sequence Data was Shown, SEQ ID:139
L:3334 M:252 E: No. of Seq. differs, <211> LENGTH:Input:26 Found:0 SEQ:139
L:3334 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO:140
L:3880 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=189
L:26 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (189) Counted (188)
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US 1088587407P1

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